

CUSTOMER NO.: 27623

Sheet 1 of 7.

FORM PTO-1449

Docket Number (Optional)

Application Number

2144.051USU

10/768,390

Applicant

Ronald King et al.

Filing Date

January 30, 2004

Group Art Unit

1724

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RL</i>	2002/0113151	8/2002	Forber Jones et al.			
	2002/0027109	3/2002	Conrad et al.			
	2001/0047929	12/2001	Conrad et al.			
	2,350,348	6/1944	Gaugler			
	3,305,005	2/1967	Grover et al.			
	3,229,759	1/1966	Grover et al.			
	4,365,979	12/1982	Takeyama et al.			
	4,285,702	8/1981	Michel et al.			
	4,304,577	12/1981	Ito et al.			
	5,846,296	12/1998	Krumsvik			
	4,299,599	11/1981	Takeyama et al.			
<i>RL</i>	6,156,100	12/2000	Conrad et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>RL</i>	2,253,689	5/2000	Canada				
<i>RL</i>	2,289,060	5/2000	Canada				
<i>RL</i>	2,253,079	5/2000	Canada				
<i>RL</i>	2,289,054	5/2000	Canada				
<i>RL</i>	2,253,693	2/2000	Canada				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Frank Lawrence*

DATE CONSIDERED

*7-19-06*

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FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	2144.051USU	10/768,390
	Applicant	
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	Filing Date	Group Art Unit
	January 30, 2004	1724

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HL	6,162,283	12/2000	Conrad et al.			
	6,217,635	4/2001	Conrad et al.			
	6,235,207	5/2001	Conrad			
	6,251,172	6/2001	Conrad			
	6,312,606	11/2001	Conrad			
	6,361,686	3/2002	Conrad			
	6,455,000	9/2002	Conrad et al.			
	6,491,811	12/2002	Conrad et al.			
	6,488,819	12/2002	Conrad et al.			
	6,309,514	10/2001	Conrad et al.			
HL	6,250,324	6/2001	Conrad et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
HL	2,288,545	2/2000	Canada				
HL	2,288,546	5/2000	Canada				
HL	2,288,544	5/2000	Canada				
HL	2,288,543	5/2000	Canada				
HL	2,253,697	5/2000	Canada				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
Frank Lawrence	7.19.06

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
12	6,001,315	12/1999	Conrad et al.			
	5,934,328	8/1999	Conrad et al.			
	5,676,173	10/1997	Conrad et al.			
	5,222,375	6/1993	Conrad et al.			
	5,766,423	6/1998	Smith			
	6,461,413	10/2002	Landreau et al.			
	6,336,957	1/2002	Tsymmerman			
	4,146,372	3/1979	Groth et al.			
	4,035,172	7/1977	Stringehag et al.			
	3,400,515	9/1968	Ackerman			
12	2,138,687	11/1938	Altenkirch			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
12	2,253,101	5/2000	Canada				
12	2,253,079	5/2000	Canada				
12	WO 99/66136	12/1999	PCT				
12	WO 03/025295	3/2003	PCT				
12	0 597 716	11/1993	Europe				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


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			Applicant <b>Ronald King et al.</b>				
			Filing Date <b>January 30, 2004</b>		Group Art Unit <b>1724</b>		
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JK	6,444,964	9/2002	Eastlund et al.				
	6,423,954	7/2002	Zettergren				
	6,393,725	5/2002	Smith et al.				
	6,178,762	1/2001	Flax				
	6,436,172	8/2002	Rabiger				
	6,289,689	9/2001	Zakryk				
	4,312,640	1/1982	Verrando				
	5,817,167	10/1998	DesChamps				
	5,426,953	6/1995	Meckler				
	5,259,203	11/1993	Engel et al.				
JK	4,219,341	8/1980	Husmann				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<b>OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JK</i>	5,701,749	12/1997	Zakryk				
<i> </i>	5,553,459	9/1996	Harrison				
<i> </i>	4,365,979	12/1982	Takeyama et al.				
<i> </i>	4,342,569	8/1982	Hussmann				
<i> </i>	6,029,467	2/2000	Moratalla				
<i> </i>	4,380,909	4/1983	Sung				
<i> </i>	452,208	5/1981	Baker				
<i> </i>	6,156,102	12/2000	Conrad et al.				
<i> </i>	6,251,172	6/2001	Conrad				
<i> </i>	3,343,346	9/1967	Broyard				
<i>JK</i>	3,385,575	5/1968	Hall				

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

  

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

  

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U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11	3,777,456	12/1973	Lund			
	4,178,158	12/1979	Yoshida et al.			
	4,290,208	9/1981	Hellman			
	4,434,034	2/1984	Padilla			
	4,726,817	2/1988	Roger			
	4,756,726	7/1988	Peace			
	4,979,965	12/1990	Sanholm			
	5,048,200	9/1991	Ryham			
	5,233,843	8/1993	Clarke			
	5,441,605	8/1995	Beasley et al.			
	5,471,852	12/1995	Meckler			
11	5,490,873	2/1996	Behrens et al.			

  

FOREIGN PATENT DOCUMENTS							
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HL</i>	5,566,468	10/1996	Graeff			
<i>HL</i>	5,575,832	11/1996	Boyd			
<i>HL</i>	5,632,802	5/1997	Grgich et al.			

  

FOREIGN PATENT DOCUMENTS							
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